

control the display of video data on the web page; wherein the video data is not integrated with the content of the web page.

8. (Once Amended) An apparatus for controlling display of video data, comprising:
means for creating, by an applet, a PIP object and a PIPInfo object;
means for sending the PIPInfo object to the PIP object to initially control display of the video data on a web page;
means for receiving, by the applet, user input via a virtual control paned displayed by the applet on the web page; and
calling, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object and the PIPInfo object to control the display of video data within the web page; wherein the video data is not integrated with the content of the web page.

REMARKS

A number of claims were rejected under 35 U.S.C. 102 as being anticipated by U.S. Patent 6,163,316 issued to Killian that describes an electronic guide that operates on a computing platform associated with a television. More specifically, Fig. 1 of Killian shows a JAVA based platform 12 that provides a collection of application programming interfaces (APIs) that allow platform 12 to synchronize and integrate television signals and Internet information for display on television 40 at column 3, lines 15 – 25. A video source in the form of a recorder controller (18) and/or tuner/decoder (24) that provides a video signal (28, 34) directly to one or more audio/video overlays 32 that are coupled to the platform 12 that coordinate the integration of television signals and Internet information in accordance with the operation of the platform 12. At column 5, lines 20 – 30, platform 12 retrieves the associated web page using Internet link 14 and audio/video overlays 32 integrate the web page, any appropriate VBI information received from the VBI decoder 28, and the television signal for the selected channel received from the tuner/decoder 24 according to the Java applet. Therefore, the system described by Killian requires that ALL video data be integrated with one or more of the audio/video overlays 32 prior to be sent for display on the television 40 since there is no direct signal between the tuner/decoder 24, for example, and the television 40. In this way, Killian provides a display

having Internet related information (i.e., web page content) fully integrated with a TV signal in the form of, for example, an electronic guide shown in Fig. 5.

In contrast to Killian, the invention that provides for controlling display of video data WITHIN a web page where the video data is NOT integrated with the content of the web page. Fig. 3(d) of the instant application illustrates an example of a web page with a virtual controller 310 and associated displayed video content 304 and 305. As can be seen by this example, the web based content (i.e., the virtual controller 310) is not integrated with the video content 304 and 305 but is only used as a user input control mechanism in order to affect such display characteristics as display size, volume, etc.

Specifically, claim 1 as amended, requires,

“calling, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object and the PIPInfo object to control the display of video data within the web page; *wherein the video data is not integrated with the content of the web page.*” (emphasis added)

Therefore, Killian does not teach nor reasonably suggest the claimed limitation of “wherein the video data is not integrated with the content of the web page” as required in claim 1 as pending. Accordingly, the Applicant believes that claim 1 is not anticipated by the cite reference and is therefore allowable.

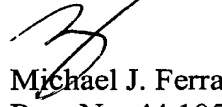
Independent claims 6, 7, and 8 recite essentially the same scope as claim 1 and are therefore also allowable over the cited art for at least the reasons cited for claim 1. All dependent claims depend either directly or indirectly from claims 1, 6, 7, and 8 and are therefore also allowable over the cited art.

The Examiner also rejected claim 3 under U.S.C. 103 as being unpatentable under Killian in view of U.S. Patent 5,594,510 issued to Sakakibara which describes a method for tuning the channel of broadcasting waves and identifying channel plan by applying memorized frequency data (see Title). Accordingly, Sakakibara adds nothing to the primary reference Killian with regards to rendering claims 1 – 8 obvious which moves the Applicant to contend that claims 1 – 8 are allowable over Killian and Sakakibara, taken singly or in any combination.

CONCLUSION

In view of the foregoing, it is respectfully submitted that all pending claims are allowable over the art of record. Should the Examiner believe that a further telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

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MARKED UP VERSION OF AMENDED CLAIMS

1. (Once Amended) A method of controlling display of video data, comprising:
creating, by an applet, a PIP object and PIPInfo object;
sending the PIPInfo object to the PIP object to initially control display of the video data displayed [within]on a web page;
receiving, by the applet, user input via a virtual control panel displayed by the applet on the web page, and
calling, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object and the PIPInfo object to control display of video data [within]on the web page; wherein the video data is not integrated with the content of the web page.

6. (Once Amended) An apparatus that controls display of video data, comprising:
software circuitry configured to create, by an applet, a PIP object and a PIPInfo object;
software circuitry configured to send the PIPInfo object to the PIP object to initially control display of the video data [within]on a web page;
software circuitry configured to receive, by the applet, user input via a virtual control panel displayed by the applet on the web page; and
software circuitry configured to call, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object and the PIPInfo object to control display of video data [within]on the web page; wherein the video data is not integrated with the content of the web page.

7. (Once Amended) A computer program product, comprising:
a computer usable medium having computer readable code embodied therein for allowing an applet to control display of video data [within]on a web page, including:

computer readable program code devices configured to create, by an applet, a PIP object and a PIPInfo object;

computer readable program code configured to send the PIPInfo object to the PIP object to initially control display of the video data [within]on the web page;

computer readable program code devices configured to receive, by the applet, user input via a virtual control panel displayed by the applet on the web page; and

computer readable program code devices configured to call, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object to control the display of video data [within]on the web page; wherein the video data is not integrated with the content of the web page.

8. (Once Amended) An apparatus for controlling display of video data, comprising:
- means for creating, by an applet, a PIP object and a PIPInfo object;
 - means for sending the PIPInfo object to the PIP object to initially control display of the video data within a web page;
 - means for receiving, by the applet, user input via a virtual control paned displayed by the applet on the web page; and
 - calling, by the applet, virtual control API functions in accordance with the user input to communicate with the PIP object and the PIPInfo object to control the display of video data within the web page; wherein the video data is not integrated with the content of the web page.